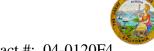
DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES Office of Structural Materials

Quality Assurance and Source Inspection

Bay Area Branch 690 Walnut Ave.St. 150 Vallejo, CA 94592-1133 (707) 649-5453 (707) 649-5493



Contract #: 04-0120F4

Cty: SF/ALA Rte: 80 PM: 13.2/13.9

File #: 69.15

SOURCE INSPECTION REPORT

Resident Engineer: Pursell, Gary **Report No:** SIR-001513 Address: 333 Burma Road **Date Inspected:** 05-Mar-2009

City: Oakland, CA 94607

OSM Arrival Time: 700 **Project Name:** SAS Superstructure **OSM Departure Time:** 1900 **Prime Contractor:** American Bridge/Fluor Enterprises, a JV

Contractor: Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Changxing Dao, Shangha

Quality Control Contact: William (Bill) Oak **Quality Control Present:** Yes No

Material transfer: Yes No N/A **Sampled Items:** Yes No N/A **Stock Transfer:** N/A N/A Yes No OK to Cut: Yes No **Rebar Test Witness:** N/A **Delayed/Cancelled:** Yes No Yes No N/A

Other: Coatings Inspection

Bridge No: 34-0006 **Component:** OBG 2AE, OBG 2BE, OBG 4BW

Bid Item: Lot No: 77, 78, 79 B265

Summary of Items Observed:

On this date Caltrans Office of Structural Materials (OSM) Quality Assurance (QA) NACE III coating inspector, Mr. James Lumley arrived on site at the Zhenhua Port Machinery Company (ZPMC) facility at Changxing Island in Shanghai, China. The purpose of the coating inspections are to monitor the surface preparation and coating applications for the SAS Bay Bridge project. This QA NACE III coating inspector observed the following: OBG 2AE & OBG 2BE

Abrasive blasted base metal floor beam and "T" stiffener faying surfaces were blasted and subsequent work rejected and no coating application permitted due to unfavorable ambient conditions within the fabrication bay. ZPMC cleaning spent abrasive. Caltrans QA Lumley observed ABF QA David Duon not allow ZPMC to apply Interzinc 22 based upon readings obtained by monitoring the ambient environmental conditions. OBG 4 BW

Moved into the abrasive blast shop and performed required chloride testing. Joint three party inspection with Caltrans QA Lumley ABF QA representative and ZPMC QC representatives were all present as well as International Protective coatings technical service representative Zili Peng. All chloride levels were below 10us/cm on the blasted base metal surfaces exposed. Production abrasive blasting then commenced.

Summary of Conversations:

No relevent conversations on this date.

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang. (858) 699-9549, who represents the Office of Structural Materials for

SOURCE INSPECTION REPORT

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your project.

Inspected By: Lumley, James Quality Assurance Inspector

Reviewed By: Miller,Mark QA Reviewer